

***El Paso Line 1903 Pipeline
Conversion Project
Draft
Environmental Impact Report/
Environmental Assessment***

**California State Lands Commission, State Lead Agency
United States Bureau of Land Management, Federal Lead Agency
Federal Energy Regulatory Commission, Cooperating Agency**

Volume I of II



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ABBREVIATIONS AND ACRONYMS

AAQS	Ambient Air Quality Standards
ACHP	Advisory Council on Historic Preservation
ADEQ	Arizona Department of Environmental Quality
ADMM	Arizona Department of Mines and Mineral Resources
APE	Area of Potential Effect (National Historic Preservation Act)
APEFZA	Alquist-Priolo Earthquake Fault Act
Applicant	El Paso Natural Gas Company
AQMD	Air Quality Management District
ARPA	Archaeological Resource Protection Act
bgs	below ground surface
BIA	Bureau of Indian Affairs
BLM	US Bureau of Land Management
BMPs	best management practices
BO	Biological Opinion
BTU	British thermal unit
°C	degrees Celsius
CAA	Clean Air Act
CARB	California Air Resources Board
CCI	Chief Construction Inspector
CCM	Chief Construction Manager
CCR	California Code of Regulations
CDC	California Department of Conservation
CDCA	California Desert Conservation Area
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CDWR	California Department of Water Resources
CEI	Chief Environmental Inspector
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CGS	California Geologic Survey
CHL	California Historical Landmark
CO	carbon monoxide
COG	Council of Government
CNDB	California National Diversity Database
CNPS	California Native Plant Society

ABBREVIATIONS AND ACRONYMS (Continued)

CPUC	California Public Utilities Commission
CPU	cathodic protection unit
CRP	Conservation Reserve Program
CRHR	California Register of Historical Resources
CSLC	California State Lands Commission
CWA	Clean Water Act
dBA	decibels on the A-weighted scale
DPM	Deputy Project Manager
DO	dissolved oxygen
EA	Environmental Assessment
EC	Environmental Coordinator
ECS	Environmental Compliance Supervisor
ECMP	EPNG Environmental Compliance Management Plan
ECSZ	Eastern California Shear Zone
EFZ	earthquake fault zone
EI	Environmental Inspector
EIR	Environmental Impact Report
EM	Environmental Manager
EPA	US Environmental Protection Agency
EPNG	El Paso Natural Gas Company
EPNGPC	El Paso Natural Gas Pipeline Company
°F	degrees Fahrenheit
FAA	Federal Aviation Administration
FERC	Federal Energy Regulatory Commission
FERC Certificate	Certificate of Public Convenience and Necessity
fps	feet per second
gpm	gallons per minute
HAP	hazardous air pollutant
HCA	High Consequence Area
hp	horsepower
HRI	Historic Resources Inventory
I-	Interstate
KCAPCD	Kern County Air Pollution Control District
Kern River	Kern River Gas Transmission Company
L	limited

ABBREVIATIONS AND ACRONYMS (Continued)

lb	pound
L _{dn}	day-night sound level
L _{eq}	equivalent steady sound level that provides an equal amount of acoustical energy as the time-varying sound
L _{eq(24)}	24-hour equivalent sound level
LFM	Lead Field Monitor
LOS	level of service
M	moderate
m/s	meters per second
m ³	cubic meters
µg/m ³	micrograms per cubic meter
MAOP	maximum allowable operating pressure
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
mg/l	milligrams per liter
mgd	million gallons per day
MLTVA	Midland Long-Term Visitor Area
MMCRP	Mitigation Monitoring Compliance Reporting Plan
MMI	Modified Mercalli Intensity
MMP	Mitigation Monitoring Plan
MP	milepost
mph	miles per hour
MW	megawatt
MOU	Memorandum of Understanding
MUC	Multiple Use Class
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NGA	Natural Gas Act
NGPSA	National Gas Pipeline Safety Act
NGVD	National Geodetic Vertical Datum
NO ₂	nitrogen dioxide
NOI/NOP	Notice of Intent/Notice of Preparation
NO _x	nitrogen oxides

ABBREVIATIONS AND ACRONYMS (Continued)

NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
NWR	National Wildlife Refuge
O ₃	ozone
OD	outside diameter
OHV	off-highway vehicle
O&M	operation and maintenance
OPS	Office of Pipeline Safety
OSHA	Occupational Safety and Health Administration
Pb	lead
PE	Project Engineer
PHI	Points of Historical Interest
PM	Project Manager
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns
PRC	Public Resources Code
Procedures	Line 1903 Wetland and Waterbody Construction and Mitigation Procedures
PSD	Prevention of Significant Deterioration
psig	pounds per square inch gauge
ROW	ROW
RMP	Resource Management Plan
RSPA	Research and Special Programs Administration
RTU	remote terminal unit
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SCAB	South Coast Air Basin
SCADA	Supervisory Control and Data Acquisition
SCEDC	Southern California Earthquake Data Center
SCS	Soil Conservation Service
scf	standard cubic foot
SHEMP	Seismic Hazards Evaluation and Mitigation Plan
SHPO	State Historic Preservation Office
SO ₂	sulfur dioxide

ABBREVIATIONS AND ACRONYMS (Continued)

SoCalGas	Southern California Gas Company
SPCC Plan	Spill Prevention Control and Countermeasure Plan
SR	State Route
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TDS	total dissolved solids
TES	threatened, endangered, and special-status
UECRM Plan	Upland Erosion Control, Revegetation, and Maintenance Plan
USACE	US Army Corps of Engineers
USDA	US Department of Agriculture
USDOT	US Department of Transportation
USFWS	US Fish and Wildlife Service
USGS	US Geological Survey
VOC	volatile organic compound
WWCM	Wetland and Waterbody Construction and Mitigation Procedures
w.t.	wall thickness